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SOUTH GROUNDWATER CONTAMINATION PLUME REMOVAL ACTION WEEKLY REPORT FEBRUARY 28, 1992

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ENCLOSURE

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WEEKLY REPORT

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Part 1 - Alternate Water Supply

A response letter was received from Delta Steel concerning rejection of the Part 1 water supply effort to their facility. Based on the letter, the U.S. EPA will issue a written confirmation on the verbal concurrence to drop Delta Steel from the current construction project and delay implementation until the public water supply is available.

Part 2 - Pump and Discharge

Pre-bid meeting on Construction Package 2A was held on February 27, 1992.

The Cost Account Proposal (CAP) for the purchase of HDPE piping and fittings was issued by RUST on February 24, 1992; a Construction Work Order (CWO) is being prepared.

Part 3 - Installation and Operation of an Interim Advanced Wastewater Treatment [IAWWT] System to Reduce Uranium Contaminant Loading to the Great Miami River to a Level Less Than 1,700 Pounds Per Year

Construction activities are underway on utility services for the Interim Advanced Wastewater Treatment (IAWWT) at the Stormwater Retention Basin (SWRB).

General

Presented maps showing RI/FS wells sampling in the South Plume area for the second, third and fourth quarters of 1991 to the U.S. EPA and Ohio EPA at the monthly status meeting. Isopleths of 10 to 100 μg/l levels of uranium based on straight line interpretation of well data were plotted on the maps. This sampling is being done to support Part 4 of Removal Action Number 3. The logic for requesting revision of the Part 5 effort was presented based on the isopleth developed. The U.S. EPA and Ohio EPA agreed in principle with the logic and agreed that the Part 5 plan will be revised. Overlays of the expected Part 2 wellfield drawdown and contours of recent groundwater surface elevation were placed over the isopleths. A composite overlay of these two overlays showing the expected groundwater zone of capture was then placed on the maps. It was discussed that the wellfield pumping, as proposed, may be adequate to capture the greatest portion of the 20 μg/l concentration as shown by the isopleths.